

## MAGNETIC FIELD PROBES HI-4433-LFH Magnetic Field Probe

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For additional frequencies and data ranges, ETS-Lindgren's HI-4433 Series of Broadband Radio Frequency (RF) Isotropic Field Probes are battery-operated and designed for use in making RF exposure measurements.

### Key Features

- Isotropic Magnetic Field Sensing: 300 kHz to 30 MHz
- Automatic Continuous Zeroing
- Fiber Optic Technology
- Data from Each Axis can be Viewed Individually or Summed
- For Use with HI-4416 Readout, HI-4413P Fiber to RS232 Converter or HI-4413USB Fiber to USB Converter
- ProbeView™ LT Software Available for Free Download

### Specifications

#### Electrical Specifications

**Frequency Response:** 300 kHz to 30 MHz +2.0/-3.0 dB

**Dynamic Range:** 0.3 to 30 A/m

**Battery:** 20 Hours Continuous Operations 3.6 Vdc, 1400 mA-Hour Rechargeable NiCAD

**Isotropic Deviation:** +/- 0.5 dB

**Data Sample Rate:** 1 to 24 Samples per Second

**Detection:** Isotropic Magnetic Field

**Linearity:** +/- 0.5 dB Full Scale

**Response Time (Minimum):** 86 msec

**Fiber Optic Connectors:** Standard FSMA

#### Physical Specifications

**Operating Temperature:** 10° to 40° C (50° to 104° F)

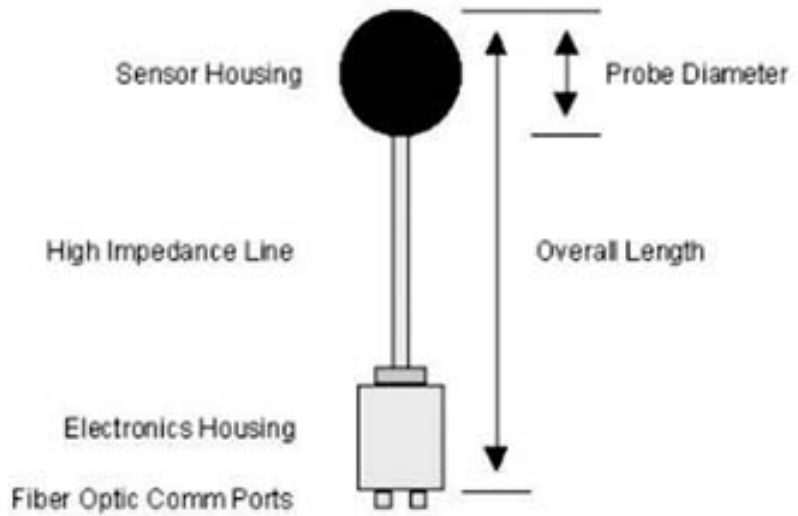
**Humidity:** 5 to 95% Relative Humidity Non-condensing

### Other Specifications

- Probe and Electronics Housing
- Fast Battery Charger
- Dielectric Handle
- 2 Meter Fiber Cable
- Calibration Certificate
- User Manual

### Product Charts

**HI-4433-LFH  
Magnetic Field Probe  
Side View**



**HI-4433-LFH  
Magnetic Field Probe  
Bottom View  
(Electronics Housing)**

